MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

OCTOBER, 1924

J. A. BROWN, DIRECTOR

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Weather Bureau

OCTOBER, 1924.

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C. Sea level and 45° Latitude				Thermometer Cent. (Corrected)			Bright Sunshine hrs.	Rain m.m.
	8:30	2:30	8:30	Mean	Max.	Min.	Min on Grass		
1	759.1	758.2	759.9	759.1	29.2	22.2		9.5	
2	60.9	60.4	61.0	60.8	29.3	22.8		9.6	
3	1.8	1.6	2.2	1.9	29.3	22.3		9.6	
4	2.2	1.5	1.9	1.9	28.6	22.7		9.4	
5	1.1	0.3	59.8	0.4	28.9	23.2		7.1	
6	59.2	58.3	8.7	58.7	29.1	22.3		9.6	
7	9.2	8.4	8.8	8.8	29.4	22.5		9.3	
8	60.8	60.7	61.0	61.6	28.9	21.7		9.4	
9	1.0	0.2	59·9	0.4	28.2	22.0		9.2	
10	59.4	0 0	9.9	59.8	28.9	21.9		6.0	2.29
11	61.4	1.5	62.5	61.8	28.8	20.9		9.0	
12	3.3	2.7	3.1	3.0	27.0	21.5		9.0	
13	3.4	2.4	4.0	3.3	27.2	21.8		9.4	
14	2.4	0.9	0.7	1.3	27.5	21.4		7.5	0.13
15	59.8	0.4	59.4	59.9	27.8	21.1		8.3	6.61
16	60.5	0.3	61.3	60.7	23.8	20.6		3.4	7.27
17	1.9	0.4	1.0	1.1	23.9	18.3		0.2	2.94
18	1.2	0.7	1.5	1 1	24.2	18.5		5.3	
19	1.9	1.0	2.0	1.6	23.9	17.6		8.5	1.52
20	2.0	1.6	2.9	2.2	24.3	18.3		6.4	
21	5.0	4.5	5.6	5.0	25.0	18.3		10.4	
22	6.3	5.0	5.2	5.5	26.4	19.9		6.0	
23	4.0	3.0	3.2	3.4	27.0	21.4		7.2	
24	3.7	2.4	3.2	3.1	25.4	20.2		9.9	
25	3.0	1.9	2.4	2.4	25.5	20.2		10.0	
26	1.1	59.8	0.5	0.5	25.2	19.9		6.6	13.15
27	58.9	61.6	1.5	0.7	23.3	15.7		4.1	49 77
28	62.6	1.8	2.7	2.4	23.6	17.1		10.1	
29	2.6	3.3	2.2	2.7	24.1	17.1		3.2	
30	2.5	1.7	1.6	1.9	26.7	17.1		9.3	
31	1.2	59.6	1.8	0.9	30.7	21.7		7.1	0.10
	761.72	761.16	761.68	761.53	26.81	20.39		7.7	83.78

BAROMETER

Maximum	766.3	on 22d
Minimum	758.2	on 1st

THERMOMETER

Maximum	30.7	on 31st
Minimum	15.7	on 27th

RAINFALL

Maximum	49.77 m m.	on 27th

Number of days with rain 9

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METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapour m.m.				Relative Moisture per cent.			
	8.30	2.30	8:30	Mean	8:30	2:30	8:30	8:30	2;30	8:30	Mean	8:30	2:30	8:30	Mean
1	26.7	28.4	24.8	26.6	21·9	23 2	21.9	16.0	17·0	17.3	16.8	61	58	74	64
2	26.6	28.9	24 6	26.7	22.3	23.4	21.6	16.8	17.2	16.9	17.0	65	58	74	66
3	26.3	28.3	24.3	26.3	21.8	23.3	21.8	16.1	17.3	17.4	16.9	62	61	77	67
4	26.4	27.9	26.0	26.8	22.6	23.7	23.7	17.3	18.5	19 3	18.4	67	66	77	70
5	26.8	28.0	24 2	26.3	23.1	23 7	22.2	18.0	18.4	18.3	18.2	68	65	81	71
6	26.1	28.5	24.1	26.2	22.6	23.7	22.1	17.7	18 0	18 2	18.0	70	62	82	71
7	26.8	28.9	24.6	26.8	22 8	23.4	22.3	17.4	17.2	18.3	17.6	66	58	79	68
8	26.7	28.4	25.5	26 9	20.9	21.2	22.1	14.4	14.0	17.0	15.1	55	48	70	58
9	26.6	2.79	24.4	26.3	21.5	22.8	21.2	15.5	16.8	16.2	16.2	60	59	71	63
10	25 6	26.3	23.7	25.2	21.5	23.3	19.8	16.1	18.7	14.3	16.4	66	73	65	68
11	24.9	26.5	25.4	25.6	20.2	20 9	20.6	14 4	14.5	14.7	14.5	62	56	60	59
12	25.4	26.6	24.8	25.6	20.4	21.3	19.8	14 5	15.1	13 8	14 5	60	59	60	60
13	25.0	26 7	25.6	25.8	20.2	20.3	18.8	14.2	13.4	12.1	13.2	60	52	50	54
14	25.4	26.7	25.9	26.0	20.6	20.7	19 4	14.7	14.1	12.7	13.8	60	54	51	55
15	25.0	27.2	26.4	26 3	19.7	22.8	19.9	13.6	17.1	13.1	14.6	58	64	51	58
16	22.5	23.3	22.2	22.7	18 3	18.3	17.3	12.9	12.5	11.7	12.4	63	58	58	60
17	21.2	20.6	19.9	20.6	17.1	18.9	16.4	11.9	14.9	11.7	12.8	63	83	67	71
18	22.6	23.8	20 0	22.1	18.2	18.2	16.7	12.7	12.0	11.9	12.2	62	54	68	61
19	21.7	23.8	21.0	22.2	17.1	17.9	16.6	11.6	11.7	11.2	11.5	60	54	62	59
20	23.1	23.8	20.8	22.6	17 2	18.3	17.7	13.7	12.2	13.0	13.0	52	55	72	60
21	22.9	24.6	23.7	23.7	17.8	18.2	18.9	11.9	11.7	13.2	12.3	57	50	60	56
22	23.8	25.6	23.3	24 2	18.3	19.8	20.0	12.1	13.5	14 9	13 5	55	55	70	60
23	24.4	25.9	23.7	24.7	20 8	21.0	20.0	15.5	15.1	14.7	15.1	59	61	67	62
24	23.2	24.8	22.0	23.3	19 9	19 4	18 8	14.9	13.2	14 0	14.0	70	58	71	66
25	23.8	25.0	21.8	23.5	18.8	19 9	18.5	13.2	13.9	13.5	13.5	60	59	69	63
26	24.1	22.4	21 7	22.7	19.9	20.8	19 8	14.4	16.9	15.7	15.7	65	84	81	77
27	18.4	22.8	20.6	20.6	16.9	18.4	17.4	13.3	12.9	12.5	12.9	85	63	70	73
28	20.6	23.0	19.6	21.1	15.5	18 7	14.8	10.2	13.2	9.8	11.1	56	63	57	59
29	22 5	23.7	22.9	23.0	14.6	17.9	18.5	8.4	11.8	12.8	11.0	42	54	62	53
30	24.1	26.2	25.4	25.2	18.3	20.3	16.4	12.1	13.8	9.3	11.7	54	55	39	49
31	25 6	26.8	23.9	25.4	17.6	21.0	21.6	10.5	14.5	17.4	14.1	43	55	79	59
	24 35	25 85	23.45	24 55	19 63	21.12	19 57	14.06	14.87	14.42	14.45	60.8	59 8	66.9	62 6

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m·; Max. 1.75 m.; Min. 1·70 m

Height of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.

Gravity Correction — 0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

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METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Km.		
1	1	1	0	.7	1	2	0	67.1	calm	
2	1	1	0	.7	1	2	0	128.1	,,	
3	2	0	0	.7	1	2nw	0	57.9	,,	
4	0	1	3	1.3	2ne	3ne	3ne	166.3	v. slight	
5	1	1	0	.7	1nw	3	0	245.4	calm	
6	0	1	1	.7	1	2	0	74.5	,,	
7	1	1	0	.7	1	3	0	177.6	,,	
8	0	0	0	0.0	1ne	2n	2n	159 0	,,	
9	0	1	0	.3	1ne	2nw	0	139.2	,,	
10	1	9n	3cu n	4.3	3	3	0	126.0	v. slight	
11	2cu n	2cu n	7cu n	3.7	1	2nw	3nw	144.2	calm	
12	1cu n	5cu n	7cu n	4.3	2ne	3ne	1	183.4	,,	
13	1cu n	1	1	1.0	2w	2	1se	84.0	,,	
14	4cu n	2cu n	4	3.3	2	3	2se	146.9	,,	
15	2cu n	3n	3n	2.7	4	5	6	334.8	rough	
16	6 n	3n	4n	4.3	5	5	3	346.2	,,	
17	8cu n	4cu n	3cu n	5.0	2	1ne	0	211.8	calm	
18	4cu n	1cu	3cu n	2.7	2	1s	1s	160.6	,,	
19	2cu n	5cu n	1cu n	2.7	1n	1n	1ne	140.8	,,	
20	6cu ci	2cu ci	0	2.7	1nw	2nw	1se	59.1	,,	
21	1	0	0	.3	4ne	3ne	4ne	221.1	slight	
22	1ci	1ci	3ci	1.7	2ne	2ne	0	259.4	calm	
23	4ci	3ci	0	2.3	0	2ne	1n	138.9	,,	
24	2	1ci	0	1.0	0	1nw	1nw	140.8	,,	
25	1	1ci	0	.7	1	2	1s	72.7	,,	
26	3cu n	5cu n	5cu n	4.3	4	1	0	255.9	v. slight	
27	9n	0	1n	3 3	1	2	1n	187.3	,,	
28	1ci	0	0	.7	0	1se	0	48.9	calm	
29	5ci	9cu n	10cu n	8.0	2e	1	0	120.1	,,	
30	2ci	2ci	0	1.3	1e	2ne	2se	97.7	,,	
31	1ci	7cu n	6n	4.7	3e	3e	3e	266.6	v. slight	
								160 09		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	1	6	3	0	0	15	1	2	3
2:30	2	7	1	1	1	14	0	5	0
8:30	3	3	1	4	2	3	0	2	13
Totals	6	16	5	5	3	32	1	9	16

N.B.—Cloud numbers without letters are all cu.

Wind ,, ,, ,, ,, ,, sw.